

JANUARY

at the
CALIFORNIA ACADEMY OF SCIENCES

JANUARY MEETING

Date: Friday, January 12, 8:15 p.m.

Place: Morrison Auditorium

Speaker: Emerson Scott

Subject: "ROCKY MOUNTAIN RAMBLES"

High in the rugged peaks of Colorado and among the short-grass foothills are to be found some of nature's most colorful wonders.

Emerson Scott, outdoorsman and photographer, has explored seldom-traveled paths of the Rockies and in this second of the 1961-1962 series of Audubon Screen Tours presents an unusual film record of his Rocky Mountain rambling.

The January lecture is made possible by the Walter B. Scaife Foundation. (Members only)

MORRISON PLANETARIUM

The Planetarium will be closed from January 2-6 for major maintenance.

"FORECAST 1962" previews interesting phenomena to be seen in the heavens during the next year including a journey to the South Seas to witness a total eclipse of the sun. January 7 through February 11. Adults, 75¢, Juniors, 40¢.

Performances:

Monday Closed

Tuesday 3:30 p.m. only

Wed., Thurs., Fri. 3:30 & 8:30 p.m.

Saturday, Sunday 2:00, 3:30 & 8:30 p.m.

SPECIAL EXHIBITS

EXHIBIT OF THE MONTH: "BIRD'S EGGS" from the Academy collections. In the main foyer, Science Museum.

"INSECT PORTRAITS", watercolors by Su Zan Swain, in Lovell White Hall of Man and Nature through March 15.

"WATER COLORS OF FISH FROM TROPICAL SEAS" by Toshio Asaeda of the Academy staff. Also in Lovell White Hall, through March.

"SCIENCE IN ACTION"

Monday nights, 7:00 p.m., KRON-TV, Channel 4
Jan. 1: "Far-reaching Space Goals", with Guest Scientist Dr. Wayland Griffith, Lockheed Aircraft Corp.
Jan. 8: "Animal Communications", with Dr. Robert T. Orr, California Academy of Sciences.
Jan. 15: "Correcting Childhood Defects", with H. E. Thelander, M. D., Children's Hospital.
Jan. 22: "Optical Masers", with Dr. Arthur Schawlow, Stanford University.
Jan. 29: "The Miracle of Genetics", with George Wells Beadle, President, The University of Chicago.

NEWS and NOTES

According to Dr. Earl S. Herald, Curator of Steinhart Aquarium, dispersion of sharks has been taking place at a rate not equalled since the Pleistocene. But this time it is through the aid of jet aircraft. Following the shark conference at the Pacific Science Congress held in Honolulu last summer, Dr. Herald returned to San Francisco with the first hammerhead shark (17 inches long) to travel by air. Unfortunately, the shark rejected Aquarium water and quickly became a valued specimen in the Department of Ichthyology. However, the shipment did solve some of the problems in keeping the particular species alive.

Recently, the first Pacific Coast sharks traveled to Europe -- hornsharks and leopard sharks -- to homes in London, Antwerp and Amsterdam. Exchange shipments from these aquaria will bring many animals to Steinhart Aquarium not previously displayed.

As far back as 1951, members of the Steinhart staff pioneered in the shipment of sharks and it has been continuing since. When the rehabilitated Steinhart Aquarium is reopened, it hopes to display the first fresh-water man-eaters from Lake Nicaragua, a species considered to be among the ten most dangerous sharks in the world.

The Astronomy Section is on the horns of a dilemma. During the past months, despite excellent programs of lectures by eminent astronomers and presentations of unusual films arranged by Richard Norton of the Planetarium staff, the attendance at the Astronomy Section meetings has been so small that it scarcely warrants the effort involved despite the interest of the faithful few. Reluctantly, George Bunton, Curator of Astronomy, has announced that if more of the membership does not indicate an added enthusiasm for these monthly programs, they will be abandoned.

The January meeting of the Section is scheduled for Wednesday, January 31, at 8:00 p.m. in Morrison Auditorium. It will feature "Our Mr. Sun", film version of the first of a series of award-winning science TV shows with Dr. Frank Baxter and Eddie Albert.

Dr. Edward S. Ross, Curator of the Department of Entomology, currently on a collecting trip in various regions of tropical Asia, reported from Calcutta, India in November: "We are quite satisfied with collecting results to date. Moth collecting has been particularly good -- especially in the variety and

number of Pyralidae...I am fairly pleased with the embiid collecting, but in Assam this was limited by our confinement to valley level. We were unable to get up into the Naga Hills and Burma border area because of hostile tribesmen. Collecting changed rapidly, however, as we climbed into the Darjeeling and Kalimpong areas where we camped as high as 8,000 ft. -- very cold at this season...Coming south to Calcutta, we had to divert into semi-dry sal-forested hills and got another change of fauna. Embiid collecting suddenly picked up with the addition of an under-stone habitat. I think that I got a dozen species in this one zone and most should be new.

"After as limited-as-possible a time in Calcutta, we will move up into the Ranchi region and then north by an altitudinal profile of the Himalayas up to Katmandu (Nepal). Then we will go to Delhi, see Oman, and then try the mountains toward Dehra Dun".

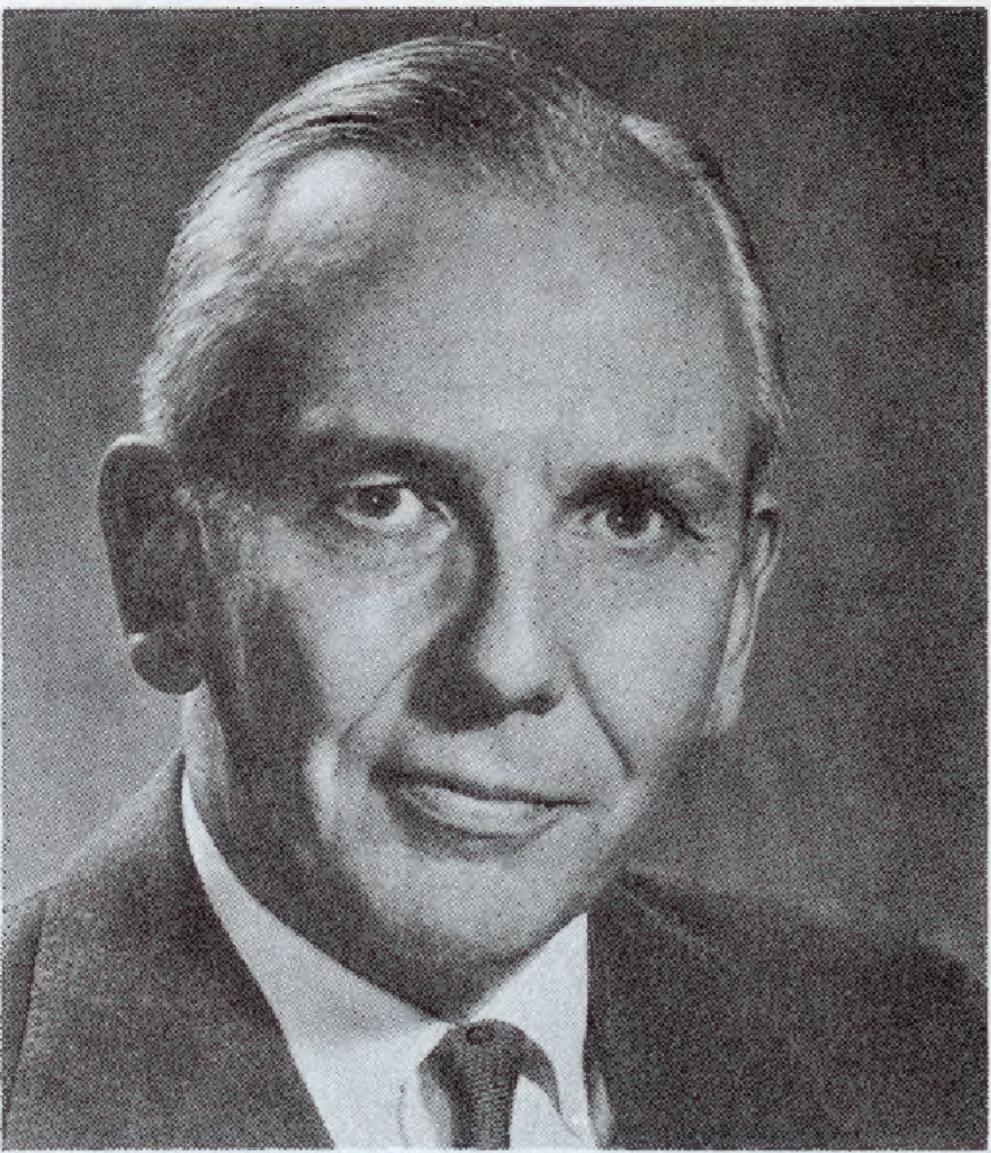
Volume IX, No. 12 of the Leaflets of Western Botany dated November 22, 1961 features an article by John Thomas Howell, Curator of Botany, entitled "The Tompkins-Tehipite Expedition of the California Academy of Sciences". Mr. Howell's article is one of the results of a collecting expedition made to the Middle Fork of the Kings River in the Sierra Nevada during the summer of 1958. The expedition was made possible by the generosity of Mr. Philip W. Tompkins, a long-time friend and a Patron of the Academy.

While on this particular trip, Mr. Howell found undescribed specimens of a *Carex* (sedge) which he subsequently described and named for Mr. Tompkins.

Though the Academy could well utilize the money to dam its own flooding deficit, the many inquiries occasioned by Dr. John A. Wilson's appearance on "Science in Action" and his eloquent story of the imminent danger to many archaeological treasures of the Nile, leads us to pass on the following intelligence: Anyone wishing to contribute to the fund for saving these ancient treasures should send his check or money order to UNESCO (Nubia Account), The First National City Bank of New York, 55 Wall Street, New York 15, New York.

Beginning February 12, the Department of Astronomy will present three
(Cont'd on back)

Meet the Chairman



DECKER G. McALLISTER, Chairman of the Board of Trustees of the Academy since October, 1957, is a third generation San Franciscan who is devoted to his community in general and to the Academy in particular. His maternal grandfather, Peter Decker, was a 49'er who kept an extensive diary on the wild-flowers of the West which might account in some measure for the Chairman's early and continuing interest in science and natural history.

He was educated at Stanford and later received his B. S. degree in Electrical Engineering at the Massachusetts Institute of Technology. He was one of the founders of the Pacific Scientific Company, and since 1951 has been its President. The company is engaged in the development and manufacture of scientific instruments. Mr. McAllister is also on the Board of Directors of Varian Associates and in the past has been a Trustee of the International Science Foundation and the California Roadside Council. He has recently been appointed, by Mayor George Christopher, Chairman of a Citizen's Committee to explore the feasibility of establishing a World Technical Information and Exchange Center in San Francisco.

With his wife Martha, he shares two homes, one in Hillsborough, California, and another on the island of Maui in Hawaii which he visits on the average of twice yearly. Two grown sons, Decker Gordon and Bruce, are engaged respectively in the fields of chemical engineering and advertising.

Mrs. McAllister, a tireless horticulturist, is an orchid fancier, and presently, Mr. McAllister is constructing another addition to her orchid house at their Peninsula home. Golf, swimming, fly-fishing are happy outside pursuits when business and travel allow.

"Right now, the Board of Trustees is faced with one, definite, clear-cut problem", Mr. McAllister said in conversation. "We must solve the fiscal problems of the Academy. Once we have secured our financial position - and it is no simple matter - then will come the pleasurable task of thinking about growth and expansion and making some dreams come true. In the meantime, we must work diligently at the task at hand. The dreams will come later".

News and Notes (Continued)

separate courses of instruction of interest to many Academy members:

"Celestial Navigation", Tuesday evenings, 7:30 to 9:30 p.m. A 13-week course in the principles of celestial navigation and nautical astronomy for the beginner.

"Sky, Clouds and Weather", Monday evenings, 7:30 to 9:30 p.m. A 12-week course for the beginner in the elementary principles of meteorology.

"Space Science", Tuesday evenings, 7:30 to 9:30 p.m. A 12-week course in the basic concepts of space flight for the beginner.

The fee for each of the courses is \$15. For further information, telephone the Planetarium Office at BAYview 1-5100.



NEW MEMBERS OF THE ACADEMY

Regular Membership

Mr. Thomas R. Derby	Mr. Henry Nasser
Mr. John T. Keane	Mr. Wilson Reid Ogg
Mr. Ivan Meitus	Miss Theresa Queiser
Mr. Richard Moss	Mr. R. T. Twiss

Family Membership

Mr. C. E. Crompton	Mr. & Mrs. W. F. Nameny
Mr. Carroll Jensen	Mr. & Mrs. H. D. Nichols
Mr. K. Van Ness King	Mrs. Virginia Osborne
Mr. Owen O. Victor	

Student Membership

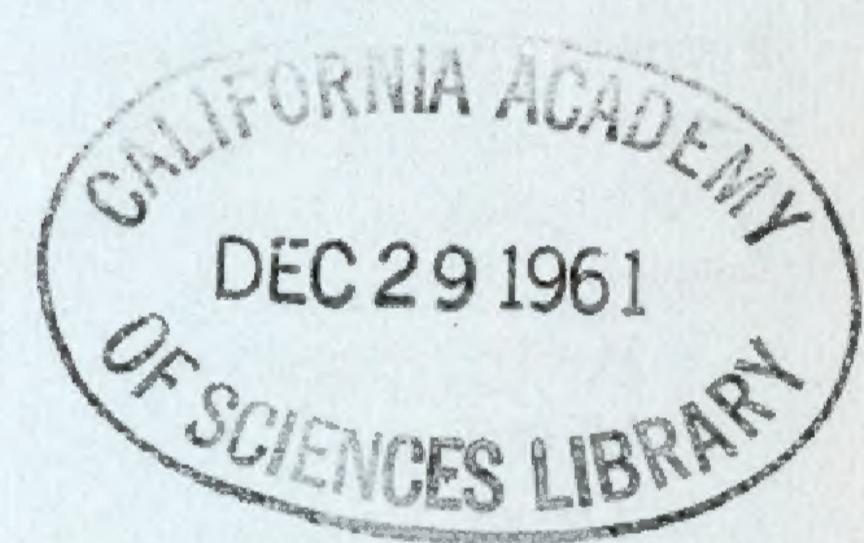
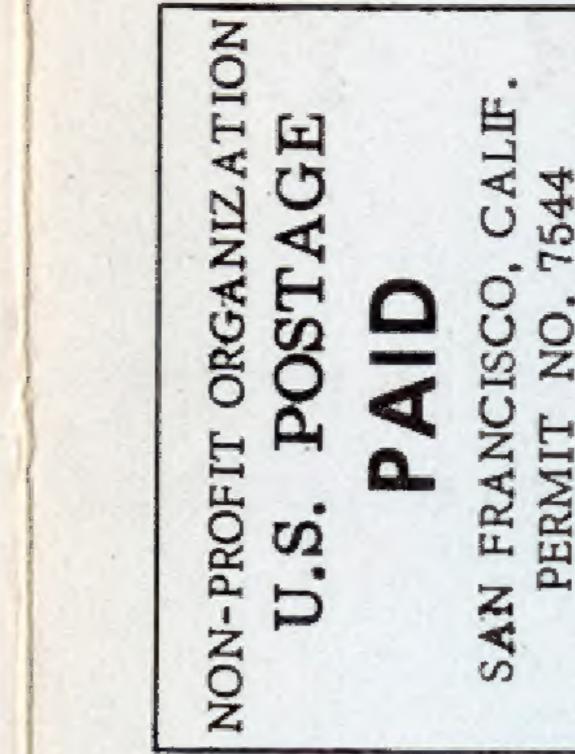
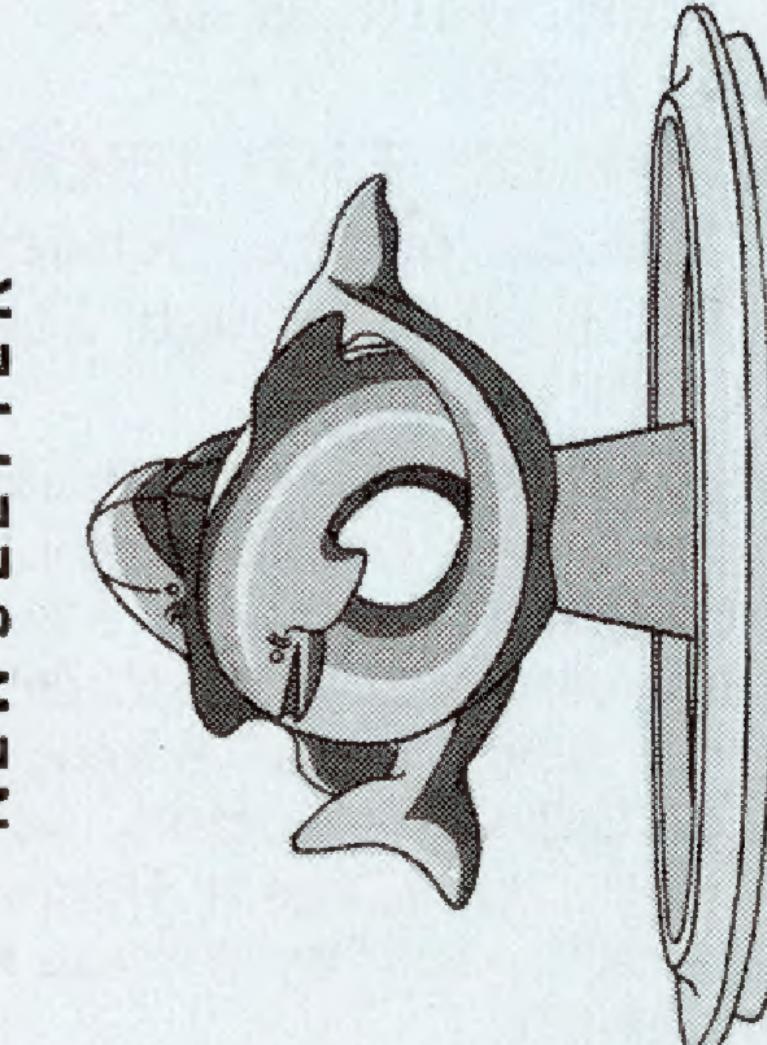
Judy Clark



THE CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 18

Open every day of the year
10:00 a.m. to 5:00 p.m. Admission Free

Academy
NEWSLETTER



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